

**From:** "Yulya Borroum" <borroum@ecologic-eng.com>  
**To:** "Diana C Messina" <DCMessina@waterboards.ca.gov>  
**Date:** 9/25/2008 11:21 AM  
**Subject:** RE: Issuance of Tentative NPDES Permit - City of Colusa Wastewater Treatment Plant

Hi Diana,

I have a couple more requests for the Colusa NPDES permit. The requests are not related to the MUN designation, but I am hoping they are minor enough, that you would be able to accommodate them.

1) The permit currently requires continues Turbidity measurement at the EFF-001 location. The last continues turbidimeter we have is after the filters. The filters are followed by UV, re-aeration basin and effluent pump station that are not likely to affect turbidity. Would it be possible to modify footnote 3 to the Table E-3 to indicate that turbidity should be measured after the filters.

2) The permit requires that continues chlorine analyzers be used until "use of its chlorine-based disinfection system and the use of other chlorine-containing agents in its treatment process has been ceased" (Footnote 2, Table E-3). The treatment plant is already converted to UV so compliance with the first portion of this requirement is easy. The WWTP is, however, will have a 55 gallon drum on site of sodium hypochlorite that will be used intermittently in small amounts to control filamentous growth in the Return activated sludge (RAS) and to control biological growth in the tertiary filters. The hypochlorite will only be added to RAS when sludge bulking is observed. Based on the current permit language this intermittent minor use will require continues chlorine analyzer. The analyzer was not included into the new plant design, nor was it used at the old plant. The analyzer is relatively expensive and requires frequent maintenance. Would it be possible to modify the language in the permit to require grab chlorine residual samples during the time periods that chlorine is used on site for non-disinfection purposes. My understanding is that the new Lincoln permit would allow for grab samples when chlorine is used at the WWTP for filter cleaning (that plant does not chlorinate RAS).

Thanks,

Yulya Borroum, P.E.  
916-773-8100 phone

-----Original Message-----

From: Diana C Messina [mailto:DCMessina@waterboards.ca.gov]  
Sent: Tuesday, September 23, 2008 11:15 AM  
To: citymanager@colusanet.com  
Cc: Patty Hickel; Yulya Borroum  
Subject: Issuance of Tentative NPDES Permit - City of Colusa Wastewater Treatment Plant

Dear Ms. McClintoch:

As a result of the Regional Water Quality Control Board's continuation of the July 2008 public hearing for the City of Colusa Wastewater Treatment Plant NPDES permit, a second Tentative Permit has been issued from our office. Attached are the electronic copies of the Notice of Continuation of Public Hearing and the corresponding tentative permit.

As instructed by the cover letter below (first attachment), the City must post a hardcopy of the Notice of Continuation of Public Hearing at the Wastewater Treatment Plant and at other official public locations by 24 September 2008 (tomorrow). This date is the beginning of a 30-day public comment period for the revisions made to the tentative permit since the July 2008 hearing. This item is proposed to be heard by the Regional Water Board for consideration of adoption at the 4/5 December 2008 Board Meeting.

We met with Patty Hickel of your staff, and both Patty and Yulya Borroum

(consultant) have been kept up to date with the proposed changes. Please note that all public comments, including the City's, are due to this office by 24 October 2008.

Please let me know if you have any questions.

Diana Messina

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